

## Alternatives Characteristics Evaluation Matrix

Evaluation Criteria	No-Build Alternative	Build Alternative 1 Rehabilitation	Build Alternative 2 Replacement
Replaces Existing Foundation	No	Yes	Yes
Replaces Existing Bridge Riding Surface & Arch	No	Yes	Yes
Removes Weight Limit Restrictions	No	Yes	Yes
Bridge Life	15 to 25 years (estimated)	75 years	75 years
Bridge Width / Length (feet)	20 / 43	20 / ~65	27 / ~46
Rehabilitates Oolitic Limestone Facade	No	No	Potential Reuse
Meets Minimum Vertical Clearance for Debris	No	No	No
Maintains Bridge Historic Integrity	Uncertain Duration	No	No
Construction Damage Risk	None	High	Not Applicable
Provides Enhanced Operations and Safety	No	No	Yes

**Preferred Alternative**

## Alternatives Impact Evaluation Matrix

Evaluation Criteria	No-Build Alternative	Build Alternative 1 Rehabilitation	Build Alternative 2 Replacement
Potential Temporary Construction Easement Impacts (acres)	0	0.3	0.3
Preliminary Construction Cost Estimate	\$0	\$ 1.66 million	\$ 1.39 million
<b>Social</b>			
Community Use Parcels Temporarily Impacted (no. of parcels)	0	1	1
Residential Parcels Impacted (no. of parcels)	0	0	0
<b>Natural Environment</b>			
Potential Wetland Impacts (acres)	0	0.1	0.1
Potential Surface Water Impacts (acres)	0	0.1	0.1
Increase Shading Impacts	No	No	Yes
Potential Species Habitat Impacts (acres)	0	0.11	0.11
100-Year Floodplain Impacts (acres)	0	0	0
<b>Cultural Environment</b>			
Potential Number of NRHP-eligible Resource Impacts (no. of resources)	0	3	3
Potential Impacts to Section 4(f) Resources (no. of resources)	0	3	3
<b>Physical Environment</b>			
Contamination Site Impacts (Medium and High-Risk Sites (no. of sites)	0	0	0
Major Utility Impacts (no. of conflicts)	0	0	0

**Preferred Alternative**

### Public Hearing

Virtual: March 21, 2024, 6:00 p.m.

In-Person: March 21, 2024, 6:00 p.m. - 8:00 p.m., Sunny Isles Beach Government Center, First Floor Meeting Room, 18070 Collins Avenue, Sunny Isles Beach, FL 33160

